

**FLEXIBLE CONTACT CONNECTOR**

**ABSTRACT**

A flexible connector for use in a model train is provided. The flexible connector includes a first coupling member associated with a first train car, and a second coupling member associated with a second train car, wherein the second coupling member is configured for engagement with the first coupling member. The flexible connector further includes a first layer of electrically conductive material connected to a first circuit and disposed on the surface of the first coupling member. The flexible connector still further includes a second layer of electrically conductive material connected to a second circuit and disposed on the surface of the second coupling member such that the first and second train cars are mechanically and electrically connected when the first and second coupling members are engaged.